

Message Text

UNCLASSIFIED

PAGE 01 SEOUL 04868 130856Z

ACTION OES-07

INFO OCT-01 EA-09 ISO-00 NRC-07 FEA-01 ACDA-10 CIAE-00

INR-07 IO-14 L-03 NSAE-00 NSC-05 EB-07 DODE-00

ERDA-07 SS-15 SP-02 /095 W

-----130858Z 045860 /10

P R 130812Z JUN 77

FM AMEMBALSU SEOUL

TO SECSTATE WASHDC PRIORITY 4434

INFO AMEMBASSY TOKYO

ERDA WASHDC

UNCLAS SEOUL 4868

DEPARTMENT FOR OEA/NET/RD (ADLER)

ERDA (SIEVERING)

DEPARTMENT PASS NRC (LAFLEUR)

TOKYO FOR HENOCH

E.O. 11652: N/A

TAGS: TECH, KS

SUBJECT: STRATUP PROGRESS AT KO-RI UNIT 1

1. INITIAL CRITICALITY OF SOUTH KOREA'S FIRST NUCLEAR POWER PLANT, KO-RI UNIT 1, AWAITS AUTHORIZATION TO PROCEED FROM ATOMIC ENERGY BUREAU (AEB) OF THE MINISTRY OF SCIENCE AND TECHNOLOGY. KOREA ELECTRIC CO. REQUESTED AUTHORIZATION AT 1600 HOURS ON JUNE 12. UNDER NORMAL CIRCUMSTANCES, UPON RECEIPT OF AEB AUTHORIZATION, A STARTUP PROGRAM OF 22 HOURS IS REQUIRED BEFORE ATTAINING THE FIRST NUCLEAR CHAIN REACTION. SOME DELAY IN AEB'S AUTHORIZATION IS EXPECTED PENDING RESOLUTION OF AEB REQUIREMENTS BUT FIRST CRITICALITY WILL LIKELY BE ACHIEVED WITHIN THE NEXT TEN DAYS.

2. PRESENT STARTUP SCHEDULE CALLS FOR 10 PERCENT POWER OPERATION BY THE END OF JUNE.

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PAGE 02 SEOUL 04868 130856Z

3. COMMERCIAL OPERATION OF THE 595 MWE PWR REMAINS SCHEDULED FOR END OF NOVEMBER 1977, TWENTY-ONE MONTHS LATER THAN ORIGINAL SCHEDULE DATE OF FEBRUARY 1976. DELAYS HAVE BEEN CAUSED PRIMARILY BY LATE DELIVERIES OF UNITED KINGDOM STEAM GENERATING PLANT EQUIPMENT AND ON-SITE REPAIR OF SAME. THE NUCLEAR STEAM SUPPLY SYSTEM IS SUPPLIED BY WESTINGHOUSE (US), THE BALANCE OF PLANT BY GENERAL ELECTRIC CO. OF THE UNITED KINGDOM.

GILBERT ASSOCIATES INC. (US) PROVIDED ARCHITECT/ ENGINEER SERVICES.

4. STARTUP PROGRESS TO DATE:

APRIL 23 BEGIN CORE LOADING

APRIL 26 COMPLETE CORE LOADING

APRIL 29 THROUGH MAY 3: PRESSURE VESSEL CLOSURE

MAY 22 WITH PRIMARY COOLANT RAISED TO APPROXIMATELY DESIGN TEMPERATURE BY PRIMARY COOLANT PUMP HEAT, INITIAL TURBINE GENERATOR TURNOVER AT 300 RPM

MAY 23 TURBINE GENERATOR TURNOVER AT 1200 RPM AND RATED 1800 RPM FOR 10 SECONDS.

SNEIDER

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NNN

Message Attributes

Automatic Decaptioning: X
Capture Date: 01-Jan-1994 12:00:00 am
Channel Indicators: n/a
Current Classification: UNCLASSIFIED
Concepts: NUCLEAR POWER PLANTS
Control Number: n/a
Copy: SINGLE
Sent Date: 13-Jun-1977 12:00:00 am
Decaption Date: 01-Jan-1960 12:00:00 am
Decaption Note:
Disposition Action: n/a
Disposition Approved on Date:
Disposition Case Number: n/a
Disposition Comment:
Disposition Date: 01-Jan-1960 12:00:00 am
Disposition Event:
Disposition History: n/a
Disposition Reason:
Disposition Remarks:
Document Number: 1977SEOUL04868
Document Source: CORE
Document Unique ID: 00
Drafter: n/a
Enclosure: n/a
Executive Order: N/A
Errors: N/A
Expiration:
Film Number: D770209-1217
Format: TEL
From: SEOUL
Handling Restrictions: n/a
Image Path:
ISecure: 1
Legacy Key: link1977/newtext/t19770663/aaaacdaj.tel
Line Count: 75
Litigation Code IDs:
Litigation Codes:
Litigation History:
Locator: TEXT ON-LINE, ON MICROFILM
Message ID: a7264f7e-c288-dd11-92da-001cc4696bcc
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Original Classification: UNCLASSIFIED
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Original Previous Classification: n/a
Original Previous Handling Restrictions: n/a
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Retention: 0
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Review Content Flags:
Review Date: 22-Oct-2004 12:00:00 am
Review Event:
Review Exemptions: n/a
Review Media Identifier:
Review Release Date: n/a
Review Release Event: n/a
Review Transfer Date:
Review Withdrawn Fields: n/a
SAS ID: 2175037
Secure: OPEN
Status: NATIVE
Subject: STRATUP PROGRESS AT KO-RI UNIT 1
TAGS: TECH, KS
To: STATE ERDA MULTIPLE
Type: TE
vdkgvwkey: odb://SAS/SAS.dbo.SAS_Docs/a7264f7e-c288-dd11-92da-001cc4696bcc
Review Markings:
Margaret P. Grafeld
Declassified/Released
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